

AMENDMENTS TO THE CLAIMS

1. (canceled)
2. **(Currently amended)** The system of claim [[1]]19, wherein the server communicates with the patient through a patient interface that comprises an HTML-encoded web page.
3. **(Currently amended)** The system of claim [[1]]19, further comprising a patient database in which the patient-specific data is stored, including the patient-specific data.
4. **(Currently amended)** The system of claim [[1]]19, further comprising a clinical trial database, in which including the set of trial-specific criteria is stored.

Claims 5-8 (canceled)

9. **(Currently amended)** The system of claim [[1]]19, wherein the ~~patient interface~~ includes a series of questions ~~patient-specific data comprises answers to a questionnaire.~~
10. **(Currently amended)** The system of claim [[1]]19, further ~~comprising~~ configured to send at least a portion of instructions for coupling at least a portion ~~of the patient-specific data to the clinical trial.~~

11. **(Currently amended)** The system of claim [[1]]19, wherein the match result data comprises clinical trial contact and/or location information, and the server is configured to send the match result data further comprising instructions for coupling a set of trial contact information to the patient.
12. **(Currently amended)** The system of claim [[1]]19, wherein the patient-specific data comprises at least one of ~~patient contact information~~, disease of concern, demographic data, drug classes of interest, prior therapies, specific drugs of interest, years since diagnosis, stage of disease, phase of clinical trial, and concomitant diseases.

Claims 13-16 (canceled)

17. **(Currently amended)** A method of recruiting a patient into a clinical trial, the method comprising:
serving to the patient a questionnaire that includes at least one clinical trial eligibility question;
receiving from the patient patient-specific data that includes an answer to the at least one clinical trial eligibility question; from a remote network device at a server;
accessing criteria of one or more ~~than one~~ clinical trials ~~at the server; and~~
determining whether the patient-specific data satisfies the criteria of one or more clinical trials; ~~having criteria satisfied by the patient-specific data~~

inviting the patient to participate in a clinical trial for which the criteria have been
determined to be satisfied, if any; and
if the patient chooses to participate, registering the patient in a database.

18. (canceled)
19. **(New)** A computer system for recruiting a patient into a clinical trial, the system configured as at least:
a server which:
 requests patient-specific data from the patient, the patient-specific data requested including clinical trial eligibility data;
 collects the patient-specific data from the patient; and
 send match result data to the patient;
a matcher responsive to the patient's clinical trial eligibility data and to trial-specific criteria corresponding to the clinical trial to:
 determine whether a match exists between the patient and the clinical trial;
 and
 generate the match result data; and
a security layer which:
 prevents direct communication between the server and the matcher;
 receives the patient-specific data from the server;
 sends the patient's clinical trial eligibility data to the matcher; and
 receives the match result data from the matcher and sends it to the server.

20. **(New)** The system of claim 19, wherein the system comprises at least two computers.
21. **(New)** The system of claim 20, wherein the security layer runs on one of the computers, and the matcher runs on another computer.
22. **(New)** The system of claim 3, wherein the instructions for storing the patient-specific data in a patient database further comprise instructions to store the patient-specific data in the patient database only after determining whether a match exists between the patient and the clinical trial.
23. **(New)** A method of determining whether a patient is a candidate for a clinical trial, comprising:
- serving a questionnaire from a server to a patient through a patient interface;
 - receiving at the server patient eligibility data submitted by the patient in response to the questionnaire;
 - sending the patient eligibility data from the server to a security layer;
 - sending the patient eligibility data from the security layer to a matcher;
 - in the matcher:
 - determining whether a match exists between the patient and the clinical trial by comparing the patient eligibility data to a set of trial criteria specific for the clinical trial; and

returning match result information to the security layer;
sending to the server the match result information thus returned from the security
layer; and
serving to the patient through the patient interface the match result information
thus sent to the server.

24. **(New)** The method of claim 23, further comprising serving clinical trial contact and/or location information to the patient through the patient interface.
25. **(New)** The method of claim 23, further comprising serving a registration questionnaire to the patient through the patient interface after a match has been determined to exist between the patient and the clinical trial.
26. **(New)** The method of claim 25, further comprising receiving a set of registration information from the patient.
27. **(New)** The method of claim 26, further comprising adding the registration information to a patient database.
28. **(New)** The method of claim 26, further comprising sending at least part of the set of registration information to the clinical trial.

29. **(New)** The method of claim 23, further comprising comparing, in the matcher, the patient eligibility data to a second set of trial criteria and determining whether a match continues to exist between the patient and the clinical trial.
30. **(New)** The method of claim 23, wherein the security layer and the matcher run on separate computers.
31. **(New)** A method of determining whether a patient is a candidate for a clinical trial, comprising:
- serving a first questionnaire from a server to a patient through a patient interface;
 - receiving at the server a first set of patient eligibility data submitted by the patient in response to the first questionnaire;
 - sending the first set of patient eligibility data from the server to a security layer;
 - sending the first set of patient eligibility data from the security layer to a matcher; in the matcher:
 - determining whether a match exists between the patient and the plurality of clinical trials by comparing the first set of patient eligibility data to a set of generic trial criteria generic to a plurality of clinical trials; and
 - returning generic match result information to the security layer;
 - if a match exists between the patient and the plurality of clinical trials:
 - serving a second questionnaire from the server to the patient through the patient interface;

receiving at the server a second set of patient eligibility data submitted by
the patient in response to the second questionnaire;
sending the second set of patient eligibility data from the server to the
security layer;
sending the second set of patient eligibility data from the security layer to
the matcher;
in the matcher:
determining whether a match exists between the patient and the
one clinical trial by comparing the second set of patient
eligibility data to a set of specific trial criteria specific to
one of the plurality of clinical trials; and
returning specific match result information to the security layer;
if a match exists between the patient and the one clinical trial:
sending information about the one clinical trial from the security
layer to the server; and
serving the clinical trial information to the patient through the
patient interface.